

6.1.6 U.S. Renewable Electric Utility and Nonutility Net Summer Electricity Generation Capacity(GW)

	<u>Conv.</u>	<u>Hydropower</u>	<u>Geothermal</u>	<u>Municipal Solid Waste</u>	<u>Biomass</u>	<u>Solar Thermal</u>	<u>Solar PV</u>	<u>Wind</u>	<u>Total</u>
1980	81.7	0.9		0.0	0.1	N.A.	N.A.	N.A.	82.7
1981	82.4	0.9		0.0	0.1	N.A.	N.A.	0.0	83.4
1982	83.0	1.0		0.0	0.1	N.A.	N.A.	0.0	84.1
1983	83.9	1.2		0.0	0.2	N.A.	N.A.	0.0	85.3
1984	85.3	1.2		0.0	0.3	0.0	N.A.	0.0	86.9
1985	88.9	1.6		0.2	0.2	0.0	N.A.	0.0	90.8
1986	89.3	1.6		0.2	0.2	0.0	N.A.	0.0	91.2
1987	89.7	1.5		0.2	0.2	0.0	N.A.	0.0	91.7
1988	90.3	1.7		0.2	0.2	0.0	N.A.	0.0	92.4
1989	73.6	2.6		1.7	1.1	0.2	N.A.	1.5	80.7
1990	73.3	2.7		2.1	1.2	0.3	N.A.	1.8	81.4
1991	75.4	2.6		2.5	1.3	0.3	N.A.	1.9	84.0
1992	74.2	2.9		2.5	1.4	0.3	N.A.	1.8	83.1
1993	76.8	2.9		2.6	1.5	0.3	N.A.	1.8	85.9
1994	76.9	3.0		2.7	1.7	0.3	N.A.	1.7	86.4
1995	77.4	3.0		3.0	1.8	0.3	N.A.	1.7	87.3
1996	75.3	2.9		2.9	1.7	0.3	N.A.	1.7	84.9
1997	78.3	2.9		2.9	1.8	0.3	N.A.	1.6	87.8
1998	78.0	2.9		3.0	1.8	0.3	N.A.	1.7	87.8
1999	78.3	2.8		3.0	1.8	0.4	N.A.	2.3	88.6
2000	78.2	2.8		3.3	1.7	0.4	N.A.	2.4	88.6
2001	77.9	2.2		3.3	1.6	0.4	N.A.	3.9	88.6
2002	78.3	2.3		3.4	1.6	0.4	N.A.	4.4	88.6
2003	77.9	2.1		3.3	1.6	0.4	N.A.	6.0	88.6
2004	77.0	2.2		3.0	1.6	0.4	N.A.	6.5	88.6
2005	76.7	2.2		3.2	2.0	0.4	0.0	8.9	88.6
2006	76.7	2.3		3.4	2.0	0.4	0.0	11.5	88.6
2007	76.7	2.4		3.4	2.2	0.5	0.0	15.9	88.6
2008	76.7	2.4		3.4	2.2	0.5	0.1	20.2	88.6
2009	76.7	2.4		3.4	2.2	0.5	0.1	20.6	88.6
2010	76.7	2.5		4.0	2.2	0.5	0.1	25.6	88.6
2011	77.0	2.6		4.0	2.2	0.5	0.1	27.3	88.6
2012	77.0	2.7		4.0	2.2	0.6	0.1	27.8	88.6
2013	77.1	2.8		4.0	2.2	0.7	0.1	28.5	88.6
2014	77.1	2.8		4.0	2.5	0.8	0.1	29.0	88.6
2015	77.1	2.9		4.0	2.7	0.8	0.1	29.6	88.6
2016	77.1	2.9		4.0	3.2	0.8	0.2	30.1	88.6
2017	77.1	3.0		4.0	3.3	0.8	0.2	30.8	88.6
2018	77.3	3.0		4.0	3.6	0.8	0.2	31.1	88.6
2019	77.3	3.1		4.0	4.2	0.8	0.2	31.7	88.6
2020	77.3	3.3		4.0	4.4	0.8	0.2	33.6	88.6
2021	77.3	3.3		4.0	4.5	0.8	0.2	34.0	88.6
2022	77.3	3.4		4.0	4.5	0.8	0.3	34.3	88.6
2023	77.3	3.6		4.0	4.6	0.8	0.3	35.3	88.6
2024	77.3	3.7		4.1	4.7	0.8	0.3	36.2	88.6
2025	77.3	3.8		4.1	4.8	0.8	0.3	37.2	88.6
2026	77.3	3.9		4.1	5.0	0.8	0.3	37.6	88.6
2027	77.3	4.0		4.1	5.1	0.8	0.3	37.8	88.6
2028	77.3	4.0		4.1	5.1	0.9	0.4	39.4	88.6
2029	77.3	4.1		4.1	5.2	0.9	0.4	39.7	88.6
2030	77.3	4.2		4.1	5.6	0.9	0.4	40.1	88.6

Note(s): 1) Nuclear capacity includes 3 GW of uprates from 2005 to 2030. New nuclear plants are expected to come online 2013-2019.

Source(s): EIA, Annual Energy Outlook (AEO) 1994, Jan. 1994, Table A9, p. 66 and Table A16, p. 73 for 1990; EIA, AEO 2003, Jan. 2003, Table A9, Table 133-134, and Table A17, p.142 for 2000; and EIA, AEO 2008, Mar. 2008, Table A9, p. 133-134 and Table A16, p. 142 for 2006-2030.